

Abstract of the Disclosure

A polymer electrolyte fuel cell is provided with a conductive separator having one or more gas flow channels for supplying and exhausting a gas to and from an electrode of the fuel cell. The gas flow channels are connected to and in fluid communication with an inlet manifold on the separator. The cell also includes a gas supply connection in fluid communication with the inlet manifold of the separator. Water accumulation in the cell can be advantageously reduced by configuring the connections to the inlet manifold so that the lowermost part of any gas flow channel connections with the inlet manifold is above the uppermost part of the gas supply connection to the inlet manifold.